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(71) Applicant and

(72) Inventor: **UNDERWOOD, Michael, Frederick** [GB/GB]; 44 Y Lanfa, Trefechan, Aberystwyth, Ceredigion SY23 1AS (GB).

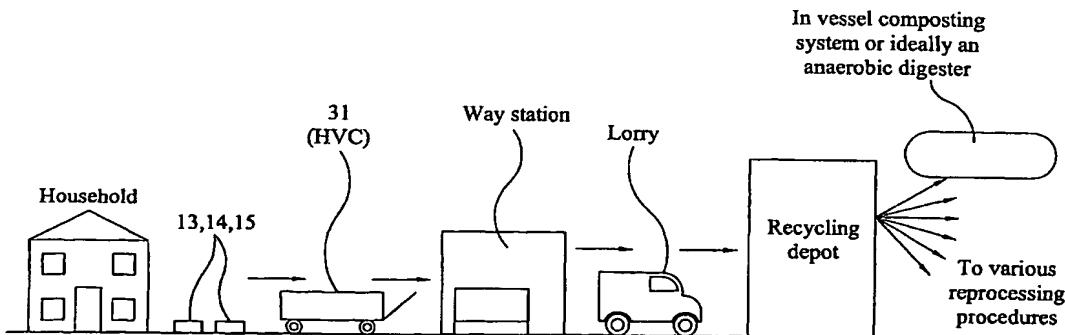
(74) Agents: **CARPENTER, David et al.**; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

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(54) Title: WASTE MANAGEMENT SYSTEM



(57) Abstract: A waste management system comprising providing householders with waste collection units (10, 11) having predetermined collection containers (13, 14, 15) for predetermined categories of waste whereby the householder performs a preliminary sorting of his waste into said predetermined categories, providing a household collection vehicle (31) having collection containers for at least the waste categories sorted by the householder, providing a way-station at which categorised waste from the collection vehicle can be temporarily stored, providing a way-station collection vehicle (lorry) having the facility to transport said categorised waste from a plurality of way-stations, and providing a recycling depot at which categorised waste from said way-station collection vehicle can be distributed for recycling or disposal.

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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B65F1/00 B65F3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B65F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 511 687 A (B. GARRETT, JR. ET AL.) 30 April 1996 (1996-04-30)	1,3,4, 12,13, 17,18
A	column 5, line 19 - column 7, line 57 figures 1-3 -----	14-16
X	DE 40 01 768 A (D-TEAM DESIGN GMBH) 25 July 1991 (1991-07-25) column 6, line 43 - column 7, line 12 figure 1 -----	1,3,4, 12,17,18
X	US 5 222 853 A (W. CARSON) 29 June 1993 (1993-06-29) column 5, line 28 - column 6, line 22 column 7, line 61 - column 8, line 52 column 8, line 64 - column 10, line 27 figures 1,2,7 ----- -/-	1,3,4, 12,17

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

19 March 2004

Date of mailing of the international search report

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Smolders, R

INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 41 01 052 A (L. AICHELE) 23 July 1992 (1992-07-23) the whole document	12,13
Y	-----	14-16
X	DE 92 01 259 U (C. THIES) 26 March 1992 (1992-03-26)	12
Y	the whole document	14-16

X	EP 0 997 400 A (P. VIEIRA DOS SANTOS) 3 May 2000 (2000-05-03)	12
A	the whole document	13,14

X	EP 0 555 939 A (VAN KRAAIKAMP ET AL.) 18 August 1993 (1993-08-18)	17-19
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X	US 5 842 652 A (J. WARSING) 1 December 1998 (1998-12-01)	17-19
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X	FR 2 782 311 A (ROS ROCA SA) 18 February 2000 (2000-02-18)	17,18
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X	DE 85 30 006 U (H. RICHTER) 14 April 1988 (1988-04-14)	17
	the whole document	

INTERNATIONAL SEARCH REPORT

International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-19,23

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-19,23

Waste management system comprising household waste collection units and a household waste collection vehicle.

2. claims: 20-22

Compactor for plastics material or metal cans.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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